

Converting Colors

CIELCh(93, 6.579, 305.734)

Have a look what the booklet for
CIELCh(93, 6.579, 305.734) contains.

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Color

CIELCh(93, 6.467, 306.327)

Conversions

Conversions Part 1

Format	Color
Hex	EEE9F5
RGB	238, 233, 245
RGB Percent	93%, 91%, 96%
CMY	0.0671, 0.0866, 0.0396
CMYK	0.03, 0.05, 0.00, 0.04
HSL	265°, 37%, 94%
HSV	265°, 5%, 96%
XYZ	80.8025, 82.9670, 98.0606
YIQ	235.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

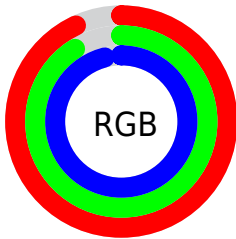
Format	Color
R _{YB}	238, 233, 245
Decimal	15657461
CIE Lab	93.00, 3.83, -5.21
CIE LCh	93, 6.467, 306.327
Yxy	82.9670, 0.3086, 0.3169
Android (android.graphics.Color)	4293847541 (0xFFEEE9F5)
YUV	235.8630, 4.5045, 1.8741
Hunter-Lab	91.0862, -1.0538, -0.0694

Details

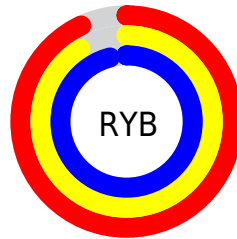
The CIELCh color `93, 6.467, 306.327` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 6.396, 125.881`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 6.802, 306.399` is the 20% darker color. If you saturate the color by 10%, you get `86, 19.964, 306.859`, and if you desaturate by 10%, it is `100, 5.219, 120.752`.

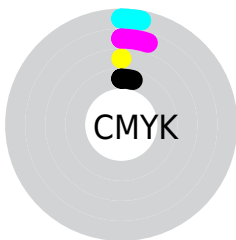
Distribution



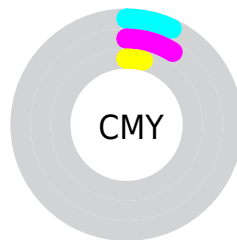
- Red (93%)
- Green (91%)
- Blue (96%)



- Red (93%)
- Yellow (91%)
- Blue (96%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.467, 306.327 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 6.467, 306.327 by changing the saturation by 10% instead.

93, 6.467, 306.327

93, 6.467, 306.327

100, 6.467,
306.327

83, 6.467, 306.327

73, 6.467, 306.327

63, 6.467, 306.327

53, 6.467, 306.327

43, 6.467, 306.327

33, 6.467, 306.327

23, 6.467, 306.327

13, 6.467, 306.327

3, 6.467, 306.327

93, 6.467, 306.327

93, 6.467, 306.327

86, 19.964,
306.859

100, 5.219,
120.752

79, 33.880,
307.447

100, 5.110,
109.781

72, 48.155,
308.082

65, 62.656,
308.748

58, 77.124,
309.409

52, 91.092,
310.003

46, 103.794,
310.433

41, 114.158,
310.566

■ 38,121.070,
310.261

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 6.467, 306.327



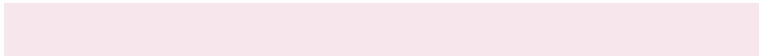
96, 6.396, 125.881

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



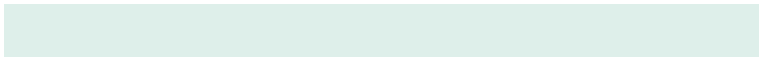
93, 6.467, 306.327



93, 6.467, 356.327



93, 6.467, 126.327



93, 6.467, 176.327

Sweetspot

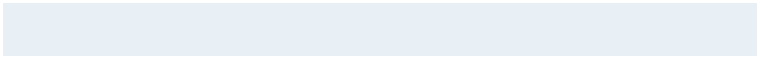
The Sweet Spot groups the original color and five complimentary colors.



93, 6.465, 306.320



99, 1.364, 306.068



94, 3.488, 244.567



53, 0.776, 306.061



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.465, 306.320



96, 8.195, 306.379



93, 7.300, 321.916



49, 5.262, 306.412



27, 100.267, 310.161



5, 41.247, 309.928

Inverse Universe

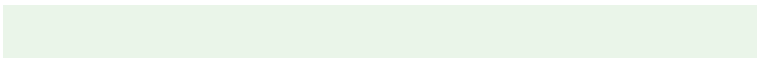
The Inverse Universe completely reimagines the original color for something new.



93, 5.609, 339.706



96, 7.108, 339.807



95, 7.272, 141.506



49, 4.562, 339.863



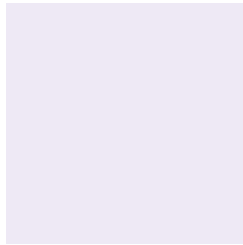
40, 68.502, 354.350



9, 31.250, 349.675

Previews

White Background



This preview shows how the CIELCh color 93, 6.467, 306.327 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 6.467, 306.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

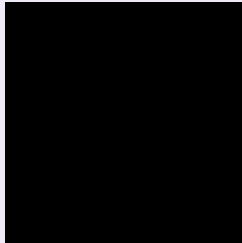
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

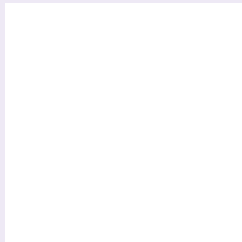
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.467, 306.327

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.467, 306.327.

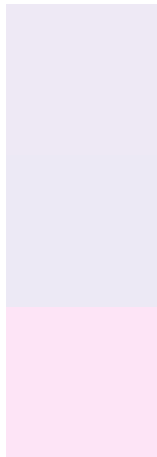


This preview shows how white text looks on a background with the CIELCh color 93, 6.467, 306.327.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

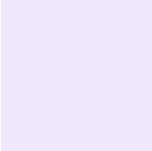
93, 6.467, 306.327

Protanopia

93, 6.306, 300.214

Deuteranopia

93, 12.862, 334.128



Tritanopia
93, 9.648, 305.455

Trichromacy



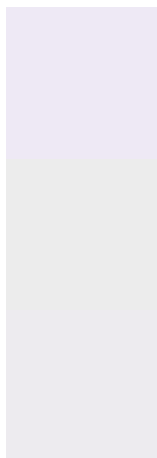
Original Color
93, 6.467, 306.327

Protanomaly
93, 6.378, 303.306

Deuteranomaly
93, 10.459, 328.004

Tritanomaly
93, 8.654, 307.150

Monochromacy



Original Color
93, 6.467, 306.327

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.198, 309.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.467, 306.327 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.467, 306.327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 233, 245) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 233, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.467, 306.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
233, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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